

August 2017 - February 2018

# Waukesha County Environmental Education Activity Guide

Adult | Family | Scout | Youth

# Waukesha County Environmental Education Activity Guide



We are so fortunate to live in a county full of abundant natural resources, wonderful parks and many opportunities for residents and visitors alike to experience the outdoors.

This guide provides the information you will need to enjoy our programs and special events that promote preservation of our county's resources.

I encourage you to use this guide so that together we may:

- Increase the amount of material recycled from households and businesses to reduce our environmental impact
- Create opportunities for everyone to explore the outstanding natural resources in the Waukesha County Park System
- Collaborate with school districts in the county to offer a variety of science-based programs to meet curriculum requirements and enhance the quality of life in the county
- Protect the county's lakes and streams by informing citizens on how property management decisions impact water quality
- Protect the quantity and quality of groundwater resources in the county by promoting water conservation and groundwater infiltration

So let's get out, get active and enjoy all of our great natural resources in Waukesha County!

Paul Farrow, **Waukesha County Executive** 

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# Follow Us On Facebook & Twitter









All programs are held at Retzer Nature Center, \$14 W28167 Madison Street, Waukesha, WI 53188, unless otherwise noted and are subject to change without notice.

Staff may photograph programs and events for promotional material such as, but not limited to, brochures, advertisement of events, website, etc. This booklet is printed on 100% post-consumer recycled paper.

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August 2 Wednesday August 8

Retzer Camera Club

Tuesday

Wee Wonders Program "Busy Bees & Beautiful **Butterflies**"

August 14 Monday

**Retzer Rangers** "Bee Careful

August 23 Wednesday Fall Landscape Art Class

August 30 Wednesday Fall Landscape Art Class

September 6 Wednesday

Retzer Camera Club

September 11 Monday

**Retzer Rangers** "Apple Adventure"

September 12 Tuesday

Wee Wonders Program "Apples, Apples, Apples"

September 13 Wednesday

**Wee Wonders Program** "Apples, Apples, Apples"

September 17 Sunday

**Beniamin Goss Bird Club** 

September 20 Wednesday

**Build -A- Scarecrow Deadline** 

September 23 Saturday

Friends of Retzer Nature **Center's Apple Harvest Festival** 

Recycling Facility Tour / Open

House

Planetarium Shows **Bird Seed Sale Starts** 

September 27 Wednesday

**Fall Landscape Art Class** 

October 4 Wednesday **Fall Landscape Art Class** 

October 7

Retzer Camera Club **Planetarium Shows** 

Saturday October 9

**Retzer Rangers** "Leaf Hunters"

Monday October 10 Tuesday

Wee Wonders Program "Going Batty (Night Animals)"

October 11 Wednesday Wee Wonders Program "Going Batty (Night Animals)"

October 13 Friday

**Friends of Retzer Nature** Center's Howl -O- Ween

Planetarium Shows

October 14 Saturday

**Beniamin Goss Bird Club** 

Planetarium Shows

October 28 Saturday

October 21

Saturday

Planetarium Shows

Planetarium Shows

October 15

**Bird Seed Sale Ends** 

November 1 Wednesday

Sunday

**Retzer Camera Club** 

November 4 Saturday

Planetarium Shows

Science Fest

November 8 Wednesday

**Bird Seed Pick-Up** Bird Seed Pick-Up

November 11 Saturday

Planetarium Shows

**November 13** Monday

**Retzer Rangers** "Migration – Hibernation Quest"

**November 14** Tuesday

Wee Wonders Program "Turkey Trot"

November 15 Wednesday

Wee Wonders Program "Turkey Trot"

November 18 Saturday

**Planetarium Shows** 

November 19 Sunday

**Benjamin Goss Bird Club** 

November 23 **Thursday** 

Retzer Building Closed HOLIDAY

December 2 Saturday

Planetarium Shows

December 6 Wednesday

Retzer Camera Club

December 9 Saturday

**Planetarium Shows** 

December 11 Monday

Retzer Rangers "Winter Solstice & Winter Skies"

December 12 Tuesday

Wee Wonders Program "Winter Picnic in the Pines"

December 13 Wednesday

Wee Wonders Program "Winter Picnic in the Pines"

December 16 Saturday December 17 Planetarium Shows

Sunday December 23 **Benjamin Goss Bird Club** 

Saturday

Planetarium Shows

December 25 Monday

**Retzer Building Closed** HOLIDAY **Retzer Camera Club** 

January 3 Wednesday January 6

Winter Wildlife Adventure

Saturdáv Planetarium Shows

October 15 Sunday

January 8 Monday	Retzer Rangers "Wildlife Trackers"	February 7 Wednesday	Retzer Camera Club		
January 9 Tuesday	Wee Wonders Program "White-tailed Deer in Winter"	February 10 Saturday	Friends of Retzer Nature Center's Wild Winter Night		
January 10 Wednesday	Wee Wonders Program "White-tailed Deer in Winter"		Planetarium Shows		
January 13 Saturday	Winter Wildlife Adventure	February 12 Monday	Retzer Rangers "Owl Prowl"		
	Planetarium Shows	February 13 Tuesday	Wee Wonders Program "The Red Mitten"		
January 20 Saturday	Winter Wildlife Adventure		The Red Mitten		
	Planetarium Shows	February 14 Wednesday	Wee Wonders Program "The Red Mitten"		
January 21	Benjamin Goss Bird Club	February 17 Saturday	Winter Wildlife Adventure		
Sunday			Planetarium Shows		
January 27 Saturday	Planetarium Shows	February 18 Sunday	Benjamin Goss Bird Club		
January 28 Sunday	Waukesha JanBoree				
	Planetarium Shows	February 24 Saturday	Wonderful World of Water Day		
February 3 Saturday		Juturuay	Spring Workshop Event Planetarium Shows		
	Winter Wildlife Adventure				
	Planetarium Shows				
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# **Special Events**

### **Build A Scarecrow**

### **DEADLINE: Wednesday, September 20**

Get your family or a group to design and create a scarecrow to display on Scarecrow Lane at Retzer Nature Center. Scarecrows will be viewed during the annual Friends of Retzer Nature Center's Apple Harvest Festival and must be in place by Friday, September 22 at Noon. Information packets can be picked up at the Retzer Nature Center front desk or download from our website:

www.waukeshacounty.gov/appleharvestfestival. Call 262.970.6680 for more information.

# Friends of Retzer Nature Center's Apple Harvest Festival

**DATE: Saturday, September 23** 

TIME: 9am - 5pm

FEE: \$5.00 per carload upon arrival

This autumn family festival has a traditional heritage theme, and and is sponsored by the Friends of Retzer Nature Center. This event features nature center tours, a nature passport experience, art & craft exhibitions, an apple market with heirloom apples, homemade apple pie, children's games, hayrides, concerts, a Friends silent auction and much more. Bring the whole family! See page 8 for more information.

The Charles Horwitz Planetarium will offer a special showing of "Cosmic Recipe: Setting the Periodic Table" every half hour from 9:30am-3:30pm for \$2 per person. For more information, see page 12.

# Recycling Facility Tour/Open House

DATE: Saturday, September 23

TIME: 10am - 3pm FEE: Free admission

# LOCATION: City of Milwaukee/Waukesha County Materials Recycling Facility, 1401 W. Mount Vernon, Milwaukee

Take a free tour of the City of Milwaukee/Waukesha County Materials Recycling Facility (MRF) as part of the Doors Open Milwaukee Event! While the system will not be in operation, visitors can still get an up-close look and learn about the MRF. See the tip floor, pre-sort cabins, discs, screens, balers, optical sort machines, sorter platform, and finished bales ready for shipment. Visitors must wear closed-toe shoes. Last admittance at 2:45pm.

### **Bird Seed Sale**

### BIRD SEED ORDERS: September 23 - October 15

Order your birdseed online for pickup on November 4th (9am-12pm) and 8th (2-6pm) at Retzer Nature Center. We offer a wide selection of seed types. Watch www.waukeshacountyparks.com or call 262.896.8007 for more information.

# Friends of Retzer Nature Center's Howl-O-Ween

DATE: Friday, October 13 TIME: 6pm - 9pm

FEE: \$15 per carload upon arrival

A Halloween-themed evening filled with scare-free entertainment and activities for the whole family! This event features night hikes, campfire stories, planetarium shows, children's games and crafts, a dance (with DJ), and food & beverages. Recommended for families with children 10 and younger. See page 14 for more information.

# **Special Events Continued**

Science Fest

**DATE: Saturday, November 4** 

TIME: 1pm - 4pm

FEE: \$3 per person or \$10 per family upon arrival

"Cycle through the Science of Nature" at Retzer Nature Center's first Science Fest. This celebration of science features hands-on table activities, programs, hikes, and a planetarium show. Water cycle, life cycle, migration cycle, season cycle, recycle - we'll look at them all! See page 19 for more information.

# Waukesha Winter JanBoree

**DATE: Sunday, January 28** 

TIME: Various FEE: Free admission

Winter JanBoree is a city / county-wide event held in partnership with the City of Waukesha Parks, Recreation and Forestry Department. Retzer Nature Center offers a full day of free family fun, which includes: free snowshoes 10am-4pm, nature activities 10am-4pm, and a winter tracking program 12pm & 2:30pm.

The Charles Horwitz Planetarium will offer a special showing of "Dinosaurs Alive" every half-hour from 9:30am-3:30pm. For more information, see page 13.

# Friends of Retzer Nature Center's Wild Winter Night

DATE: Saturday, February 10

TIME: 6pm - 9pm

FEE: \$2.00 per person upon arrival

Cure your cabin fever and enjoy this wild winter adventure! There will be guided hikes throughout the evening, free snowshoe rentals, and a sing-along by the campfire with S'mores and hot cocoa. Explore the winter sky with telescopes, as well as a planetarium show entitled "Two Small Pieces of Glass".

PLEASE NOTE: There are limited amount of snowshoes available. Planetarium shows are limited to 90 people per show, which are first-come, first-served. Planetarium ticket distribution begins at 6:20pm with the last showing at 8:30pm. For more information, see page 13.

# The Wonderful World of Water Day

DATE: Saturday, February 24

TIME: 9am - Noon FEE: Free admission

Celebrate and learn about Earth's most important resource - water! See special exhibits with handson activities and listen to a lineup of speakers on different water topics including: water saving ideas for the home, clean water, aquatic invasive species prevention, and more. See page 30 for more information.

# Spring Workshop Event

**DATE: Saturday, February 24** 

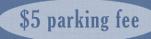
TIME: 9am - Noon FEE: Free admission

Try before you buy! Hear about each item and plant collection available for our Spring Pre-Sale from a variety of speakers who will also discuss different spring yard care topics including: rain gardens, rain barrels, home composting and using native plant collections in your landscape. Pre-orders accepted February 1 through April 5. Order online at www.waukeshacountyparks.com. See page 31 for more information.

# RIENDS OF RETAINED TO THE PARTY OF THE PARTY



Saturday, September 23rd 9 am - 5 pm





Arts and Crafts | Children's Activities
Passport Expedition | Planetarium Shows
Horse Drawn Wagon Rides | & More!

\$14 W28167 Madison St. | Waukesha, WI 53188



Find us on facebook. waukeshacountyparks.com





# **General Programming**

Join us at Retzer Nature Center for our general programming and activities!

Pre-registration may be required for some programs as space may be limited.

Please see specific program descriptions.

# Volunteer Teacher Naturalist Training

**Adults** 

### Call (262) 896-8007 for more information

We offer an apprenticeship program for our teaching naturalist training. You will receive training in our Teacher Naturalist course. We work with you to prepare you to lead a school group on their selected hike. There is no registration deadline; we welcome new volunteers anytime of the year.

# Retzer Camera Club

Adults

DATES: Wednesdays, August 2, September 6, October 4, November 1, December 6, January 3, February 7

TIME: 7pm

The Camera Club meets monthly with instructional programs, sharing/critique of members' photographs, discussion of equipment and technique, and opportunities for taking photographs at Retzer Nature Center and other nature areas.

For more information visit retzercameraclub.blogspot.com or call 262.970.6680

# Fall Landscape Art Class

Teens and Adults

DATES: August 23 & 30, September 27, October 4

TIME: 10am - Noon

FEE: \$8.00 per person per class or \$24.00 for all four classes

**REGISTER ONLINE BY: Friday prior to class** 

Explore the fall colors using acrylics and other mixed media art materials. Create a painting on canvas inspired by the colors and shapes of nature at this unique time of year. This is an indoor studio program. Bring your imagination, favorite landscape photo or colorful leaf. Supplies are provided. Limit 10 participants, minimum of 5

# Benjamin Goss Bird Club

Adults

DATES: Sundays, September 17, October 15, November 19, December 17, January 21, February 18

TIME: 7 - 9pm

Benjamin Goss Bird Club provides an opportunity for those interested in an active study of birds and their habitats to meet with fellow bird enthusiasts. For more information visit gossbirdclub.org or call 262.970.6680

### Winter Wildlife Adventure

**Families & Scouts** 

DATES: Saturdays, January 6, 13, 20 & February 3, 17

TIME: 9 - 11am & 1 - 3pm FEE: \$5.00 per person per class

REGISTER ONLINE BY: 3pm the Friday prior to class - walk-ins also welcome, space permitting

In winter, nature records the fascinating activities of animals. We can often tell more about animals by the signs they leave behind. Explore the environment and learn how to identify the tracks of different animal species and read animal's activities. When weather permits, participants can use Retzer's snowshoes for the adventure. Limit 30 participants.



# Wee Wonders Program

Ages 2-4 Time: 9:30am - 10:30am

Fee: \$4.00 per child per class

This monthly program will focus on "The Senses" and is designed for adults with young children ages 2 to 4. Wee Wonders will introduce sensory skills that help you experience the natural world with your child. Each child must be accompanied by an adult for participation in this program. Please dress for the weather. Maximum of 30 registrants, minimum of 5. Participants must pre-register online at www.waukeshacountyparks.com by the Friday prior to class.

# Busy Bees and Beautiful Butterflies DATE: Tuesday, August 8 REGISTER ONLINE BY: Friday, August 4

Wander through the prairie to see how many helpful pollinators we can find. Where will we find them? What colors do they come in? Maybe we can catch a few of their six-legged neighbors on our journey!

# Apple, Apples, Apples

DATE: Tuesday, Sept. 12 & Wednesday, Sept. 13 REGISTER ONLINE BY: Friday, September 8

Learn about a favorite fall fruit as we take a trip to the Retzer Apple Orchard. We'll learn about the life cycle of an apple and sample different apples. Please note that the trail to the orchard is not stroller accessible.

# Going Batty (Night Animals)

DATE: Tuesday, Oct. 10 & Wednesday, Oct. 11 REGISTER ONLINE BY: Friday, October 6

Learn why bats are our friends as we hike to see where they live at Retzer Nature Center. We will create a bat project to take home.

# Turkey Trot

DATE: Tuesday, Nov. 14 & Wednesday, Nov. 15 REGISTER ONLINE BY: Friday, November 10

Time for geese and ducks to leave Retzer Nature Center, but the turkeys will remain! We'll have fun turning ourselves into a feathered gobbler and learning how to walk and talk like a turkey. Go on a turkey trot to see where these feathered friends reside.

### Winter Picnic in the Pines

DATE: Tuesday, Dec. 12 & Wednesday, Dec. 13 REGISTER ONLINE BY: Friday, December 8

Invitations have been sent; decorations are all in place; time to get this party started!

Join us in the pines as we host a winter picnic. We will prepare a few tasty treats and play some clever games.

# White-tailed Deer in Winter

DATE: Tuesday, Jan. 9 & Wednesday, Jan. 10 REGISTER ONLINE BY: Friday, January 5

Winter is a great time to track Retzer Nature Center's white-tailed deer. Take a hike (on snowshoes, weather permitting) to find where these deer spend the winter and the signs they leave behind.

### The Red Mitten

DATE: Tuesday, Feb. 13 & Wednesday, Feb. 14 REGISTER ONLINE BY: Friday, February 9

Discover what can be collected on your mittens. Join us on this sticky exploration in winter. Find and decorate a mitten with your collection to take home and display.





Retzer Rangers

.ges 5-7 Time: 4:30 pm - 5:30 pm

Fee: \$4.00 per child per class

Join a Naturalist as we discover the wonders of nature each month. Dive deep into a new topic and head outside for hands-on exploration and adventure. Each child must be accompanied by an adult for participation in this program. Please dress for the weather. Maximum of 15 registrants, minimum of 5. Participants must pre-register online at www. waukeshacountyparks.com by the Friday prior to class.

# Bee Careful

DATE: Monday, August 14

**REGISTER ONLINE BY: Friday, August 11** 

Discover the essential process of pollination and the little helpers that make it happen. We will then investigate the prairies for all the different types of pollinators and use sweep nets to collect other 6-legged partners.

# **Apple Adventure**

DATE: Monday, September 11

**REGISTER ONLINE BY: Friday, September 8** 

Hike to the Retzer Apple Orchard and learn about the place that has inspired 31 years of Apple Harvest Festivals. We'll learn about this tasty fruit, sample different varieties, and discover why it is important to our local wildlife.

### Leaf Hunters

DATE: Monday, October 9

**REGISTER ONLINE BY: Friday, October 6** 

Discover the beauty of autumn leaves at Retzer Nature Center. We'll hunt for colorful leaves and learn why our summer greens are now bright yellows, reds, and oranges.

# Migration - Hibernation Quest

**DATE: Monday, November 13** 

**REGISTER ONLINE BY: Friday, November 10** 

Find out who's getting ready to leave Retzer Nature Center for the winter and who's preparing to stay. We'll visit the "Prairie Underground" exhibit, then take a hike.

# Winter Solstice & Winter Skies

**DATE: Monday, December 11** 

**REGISTER ONLINE BY: Friday, December 8** 

Learn about the longest night of the year as we discover the Earth's axial tilt and why it is the reason for our seasons. A planetarium show will conclude this program.

### Wildlife Trackers

**DATE: Monday, January 8** 

**REGISTER ONLINE BY: Friday, January 5** 

Identify winter wildlife track patterns in the snow or mud. Weather permitting, we will use snowshoes for this outdoor adventure or make our own animals prints to take home.

### Owl Prowl

DATE: Monday, February 12

**REGISTER ONLINE BY: Friday, February 9** 

Love is in the air this winter as our Wisconsin owls are courting and nesting. During a hike on the trails, we'll learn about the local owls and their different calls.





# Charles Z. Horwitz Planetarium Programs

**\$5.00 per person** unless otherwise noted. Private group shows available by reservation. All shows are held at Charles Z. Horwitz Planetarium located inside of Retzer Nature Center. Planetarium Shows are limited to 90 people per show, which are first-come, first-served.

For more information or to register a group call (262) 896-8423 or visit waukesha.k12.wi.us/planet

Cosmic Recipe: Setting the Periodic Table

DATE: Saturday, September 23

TIME: Show runs every half hour 9:30am - 3:30pm FEE: \$2.00/person during the Friends of Retzer Nature Center's Apple Harvest Festival

The famous astronomer Carl Sagan once said, "If you wish to make an apple pie from scratch, you must first invent the universe." Explore the world of chemistry: protons, neutrons & electrons. See how tiny atoms relate to mammoth stars.

See Apple Harvest Festival (page 6) for more event info.

# **Defying Gravity**

DATE: Saturday, October 13

TIME: show runs every half hour 6:30pm - 8:30pm FEE: Included in the entrance fee of \$15/carload for Friends of Retzer Nature Center's Howl-0-Ween

This program explores and engages audiences in the basic science of rocket physics. Explore Newton's laws of motion, rockets, roller coasters, and even a Zero-G airplane ride! Learn how Einstein's gravity wells allow you to "see" gravity.

See Howl-O-Ween (page 6) for more event info.

One World, One Sky: Big Bird's Adventure Children's Show (recommended for Pre-K to 2) DATES: Saturdays, October 7, 14, 21, 28

Saturdays, November 4, 11, 18 TIME: 11am

Explore the night sky with our friends from Sesame Street™. Join Big Bird, Elmo, and Hu Hu Zhu as they take a trip to the moon. See how the moon is different from the earth and learn how to find the Big Dipper and the North Star from your backyard.

# Galileo

**General Public** 

DATES: Saturdays, October 7, 14, 21, 28 Saturdays, November 4, 11, 18

TIME: 1pm

This beautiful and historic program examining the fascinating life and scientific accomplishments of Galileo while celebrating 400 years of telescope viewing, is produced by the Daniel Soref Planetarium at the Milwaukee Public Museum.

# Our Place in Space

Children's Show (recommended for grades 1 - 3) DATES: Saturdays, December 2, 9, 16, 23

Saturdays, January 6, 13, 20, 27

TIME: 11am

This award-winning children's planetarium show introduces jungle animals and a space crossword puzzle to explore the wonders of the universe. This program will inspire your young astronomer to appreciate the beauty of the night sky.

# The Stargazer

**General Public** 

DATES: Saturdays, December 2, 9, 16, 23 Saturdays, January 6, 13, 20, 27

TIME: 1pm

Nichelle Nichols (Lt. Uhura of the television series, *STAR TREK*) narrates this fascinating program about stars. "Stargazer" traces the life experiences of astronomy professor Dr. James Kaler. From childhood to adult, his love for the sky shows us all that there is a human connection to the stars.

# Dinosaurs Alive

**General Public** 

**DATE: Sunday, January 28** 

TIME: Show runs every half hour from 9:30am - 3:30pm

FEE: Free as part of Waukesha JanBoree

This amazing planetarium program explores the asteroid that killed the dinosaurs. Realistic and scientifically-accurate computer generated animation brings dinosaurs back to life in a big way! Join us for this fantastic journey back in time when dinosaurs roamed the earth.

See Waukesha JanBoree (page 7) for more event info.

# Two Small Pieces of Glass

**General Public** 

**DATE: Saturday, February 10** 

TIME: Show runs every half hour from 6:30pm - 8:30pm

FEE: Included in the \$2 entrance fee for

**Wild Winter Night** 

Join us in the back yard as this classic astronomy show investivates the night sky using binoculars and telescopes. Find out how telescopes work and experience the amazing discoveries scientists have made with some of the world's largest telescopes.

See Wild Winter Night (page 7) for more event info.

# The Little Star that Could

Children's Show (recommended for grades K - 2)

DATES: Saturdays, February 3, 17, 24

TIME: 11am

By giving the stars personalities, this program introduces children to the sun, moon, and planets seen in the day and night sky. See the stars come alive.

# Space Aliens-Looking for Life in the Universe General Public

DATES: Saturdays, February 3, 17, 24

TIME: 1pm

Meet two fascinating people who are curious about finding life in the universe. One is Skeptical and one is Hopeful. Follow their conversations during this beautiful, mysterious space adventure.

# Public Skywatches at Retzer Nature Center

See stars, planets, the moon, nebulae, star clusters and galaxies! Learn how to use a telescope and binoculars. Our telescope will be available, or feel free to bring your own.

For dates and times, please visit the Horwitz Planetarium website: www.waukeshaschools.com/planet

FRIENDS OF RETZER NATURE CENTER

# HOWL-(A)-WEEN

# An Unhaunted Halloween Event

A Halloween themed evening, filled with scare-free entertainment and activities the whole family will enjoy! Recommended for families with children 10 & under.

FRIDAY, OCTOBER 13TH 6-9 PM

\$15 per carload (Includes all activities) Friends of Retzer Nature Center members receive FREE admission



**Guided Hikes | DJ Dance** Crafts & Games | Planetarium Shows | & More!



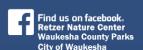


**Waukesha County Park System** 









# Recycle Right!

Know the ACCEPTABLE RECYCLABLES

NO SORTING NECESSARY!



CARDBOARD, Food Boxes, And Cartons



OFFICE PAPER, JUNK MAIL NEWSPAPER, BAGGED SHREDDED PAPER, ETC.



GLASS BOTTLES & Jars



PLEASE EMPTY

JUGS BOTTLES ETC.

ALUMINUM, Metal Cans, Pots and Pans



NO FOAM CONTAINERS No plastic film NO PLASTIC BAGS No electronics NO FOOD OR YARD WASTE No sharps or inhalers



For other household items to recycle:



Download the

'Waukesha County Recycles' mobile app

available on Google Play and the App Store

or visit our website www.waukeshacounty.gov/recycling

# Recycling & Water Resources are Coming to your Community!

Got questions? Need information? Looking for something fun to do?
Visit our recycling & water resources booth, event or themed workshop at a
community event near you! All programs are FREE!
Visit our websites for specific locations, dates, and times.
waukeshacounty.gov/recycling • waukeshacounty.gov/cleanwater

# August

**August 1** Mukwonago National Night Out Booth − Field Park, Mukwonago • 6pm

August 2 Sussex National Night Out Booth — Sussex Civic Campus • 6pm

**August 15** YMCA Pabst Farms Kid's Fest Booth — Roosevelt Park, Oconomowoc • 9am - 1pm

**August 24** New Berlin Street Dept. Open House Booth — Municipal Garage,

16550 W. National Ave., New Berlin • 4 - 6pm

**August 26** Green Alliance Sustainability Fair Booth — Lapham Peak State Park, Delafield •

9am - 3pm

# September

**September 23** Friends of Retzer Nature Center's Apple Harvest Festival Booth – Retzer Nature

Center • 9am - 5pm

September 23 RECYCLING FACILITY TOUR/OPEN HOUSE — City of Milwaukee/Waukesha County

Materials Recycling Facility, 1401 W. Mount Vernon, Milwaukeee • 10 am - 3 pm
Take a free tour of the City of Milwaukee/Waukesha County Materials Recycling Facility!

(See page 6 for more details.)

# November

**November 4 SCIENCE FEST** — Retzer Nature Center • 1pm - 4pm

"Cycle through the Science of Nature" at Retzer Nature Center's first Science Fest. This celebration of science features hands-on table activities, programs, hikes, and a planetarium show. Water cycle, life cycle, migration cycle, season cycle, recycle - we'll look

at them all! (See page 19 for more details.)

# February

February 24 THE WONDERFUL WORLD OF WATER DAY — Retzer Nature Center • 9am - 12pm

See special exhibits and hands-on activities as well as hear a variety of speakers on different water topics, including: Water Saving Ideas for the Home, Clean Water - What it Takes, An Ounce of Prevention - Aquatic Invasive Species Prevention, Our Lifelong

Interactions with Water (See page 30 for more details.)

February 24 SPRING WORKSHOP EVENT — Retzer Nature Center • 9am - 12pm

Try before you buy! Hear about each item and plant collection available for our Spring Pre-Sale from a variety of speakers who will also discuss different spring yard care topics, including: Rain Gardens, Rain Barrels, Home Composting and Using Native Plant Collections in Your Landscape (See page 31 for more details.)





# ADULT PROGRAMS



Hosted by Waukesha County Recycling

FREE for Community Groups and Organizations!
We'll come to you or bring your group to Retzer Nature Center!
Contact us today: 262.896.8300 • recycling@waukeshacounty.gov
Program duration: 1 hour

School program guide also available for educators.

# Recycling 101: Easier than Ever!

### (Youth presentations also available)

Do you "wish-cycle"? Are you trying to recycle right, but still have questions? Have fun while getting facts about recycling's value, processing and end-products. See video clips of the new recycling facility sorting technology in action. Go home happy with answers & a better understanding—guaranteed!

# **Home Composting Workshop**

### Available in spring/fall

Learn how to create your own compost, how to use it, and different bin styles to build or buy. Hot or cold, you'll create "black gold"!

# Turn Over a New Leaf Workshop: Easy Fall Yard Care

### Available in fall

Our beautiful Waukesha County trees are loaded with leaves that fill our lawns in fall. Yes, they CAN be mulched in place! How many? What are the options? What do the studies say? Learn multiple options, and take home a quick, large pile leaf compost recipe. Let's end all the work of bagging, dragging and burning!

# Organic Lawn Care/Healthy Soil

### Available in spring

Find out the latest approaches and steps for a green, healthy lawn through organic practices that feed the supporting soil. These tips can also help reduce chemical use and support any lawn care methods.

# Lawn Care: Organic Approaches & Fall Best Practices

### Available in fall

Learn the latest approaches to a green & healthy lawn through organic practices that feed the soil, creating the best growing medium for America's biggest crop: the lawn! Find out which steps to start in September, the most important month for lawn care.

# **Green Cleaning Workshop**

### Available in spring/fall

We strive to keep our homes clean & healthy, but sometimes use toxic chemicals to do so. Is there another way? Find out what common household ingredients can be used to keep your home healthy, clean and safe. Find out what really works based on university studies and how to assess commercial cleaning products. Make and take home Creamy Soft Scrub, along with the recipe—you'll want more!

# Water Resources Programs

FREE for Scouts, Community Groups, and Organizations!
We'll come to you or bring your group to Retzer Nature Center!
Contact us today: 262.896.8300 • water@waukeshacounty.gov
Program Duration: approximately 1 hour
School program quide also available for educators.

# **Sewerology 101**

Ages 8 to Adult

Discover where your water comes from, where it goes when you are finished with it, and the difference between storm sewers and sanitary sewers. In this interactive presentation about water, we will also discuss the Waukesha water issue, find out what a watershed is and what impact you have on our waters—for better or worse. You can become a positive influence on your watershed!

### I Live In A Watershed

Ages 8 to Adult

Our watershed model provides a hands-on, interactive demonstration of the sources and effects of runoff pollution. Learn about the watershed you live in and see how it connects...all the way to the ocean! By the end of this program, you will understand what a watershed is, how it functions and how you are part of it.

### **Get the Groundwater Picture**

Ages 8 to Adult

Learn how a well works and what goes on above ground that affects our drinking water supply. See how groundwater moves and functions using a groundwater model. This model helps take the guesswork out of groundwater.

# **Stream Monitoring Field Trip**

Ages 10 to Adult

Choose a local river or stream and we will meet you on-site to measure turbidity, temperature, and biotic index. We will also use a hands-on watershed model to find out how these things are affected by polluted runoff and ways we can prevent it.

# The Value of Rain Gardens and Rain Barrels

**Adults** 

Rain barrels have been used for many generations. Discover how they can actually help restore a more natural water flow while saving you money. Not only will we explore how to install rain barrels, we will learn about the benefits of rain gardens, too! Rain gardens and rain barrels can be a beautiful solution to water pollution.

# Clean Water, Healthy Lawn Workshop

**Adults** 

Learn how to have a healthy lawn and yard without harming local rivers and streams. This workshop will cover lawn care and watering as well as how to incorporate features like rain barrels and rain gardens into your landscape. Practices covered in this workshop are not only friendly to our local lakes and rivers, but to our pets and children as well.



Retzer Nature Center 514 W28167 Madison Street, Waukesha 53188

# Saturday, November 4 | 1-4pm \$3 per person or \$10 per family

"Cycle through the Science of Nature" at Retzer Nature Center's first Science Fest! This celebration of science features hands-on table activities, hikes and a planetarium show.



Water cycle, life cycle, migration cycle, season cycle, recycle - we'll look at them all!



# Programs:

# The Water Cycle and You 1-1:30pm

Learn about the water cycle, your connection and some tips about protecting this precious resource for the future.

### Retzer's Migration Meander Hike 1-1:30pm & 2:30-3pm

We'll meander around Retzer looking for migrants as they prepare for their journey. Who stays and who migrates? Come find out!

# The Gardeners Cycle 1:45-2:15pm

As we cycle into winter, learn how to prepare your garden for this next season in nature's cycle.

### Life Cycles in the Water Hike 1:45-2:15pm

We'll take a trip to the stream and net some aquatic macroinvertebrates (really cool bugs!) to learn about who spends part of their life cycle in the water.

### Autumn Sky Legends 2:30-3pm

Join the constellations in their autumn cycle as we meet Pegasus, Andromeda, Cassiopeia, and Perseus.

# Journey of a Plastic Bottle 3:15-3:45pm

Learn about the life cycle of a plastic bottle as we see how it gets made, recycled and starts again.

# Journey Through the Water Cycle Hike 3:15-3:45pm

Join us as we take a hike to look for water in all stages of the water cycle.

# Table Activities \_\_\_\_1-4pm

Papermaking, groundwater model, water tension games, glo-germs, monarch butterflies and morel

# ENVIRONMENTAL HEALTH DIVISION PROGRAMS

FREE programs available for your group!

School program guide also available for educators.

We'll come to you or bring your group to Retzer Nature Center!

Contact us today!

262.896-8300 • humaneofficer@waukeshacounty.gov

# **Animal Bite Prevention\***

Ages 5 to 12

**Duration:** 50 minutes

Find out about animal awareness, animal body language, and making wise choices while interacting with animals.

# **Humane Animal Education**\*

Ages 8 to 16

**Duration:** 50 minutes

Learn the legal definitions of humane and cruel behavior as they relate to animals. Specific case studies show how humane officers apply the laws.

# **Humane Animal Careers\***

Ages 8 to 16

**Duration: 25 minutes** 

Explore various careers that involve animals and the preparation required for each career.

# **Food Safety**

Ages 10 to 16

**Duration:** 30-60 minutes

Become aware of food safety and the consequences of mishandling food. Hand washing is emphasized and interactive activities are available.

# **Drinking Water**

Ages 10 to 18

**Duration:** 30-60 minutes

Learn about where you get your water, what can be harmful in the water, and how to eliminate the dangers. Also find out what to search for at home to keep your water safe.

<sup>\*</sup>Electricity and a blank wall for projection are required for this program.

# PARDON OUR DUST... IMPROVE WE MUST!

Programs & services available during construction

# **COMING SOON!**

Recycling & water resources exhibits and education room



# NO PLASTIC BAGS OR BAGGED RECYCLABLES

in your curbside recycling container

Keep recyclables loose in the recycling container

Recycle your plastic bags and plastic film at your local grocery or department store.



For specific locations accepting plastic bags for recycling, download the free Waukesha County Recycles mobile app.



# SCOUT PROGRAMS

# **Girl Scouts**

(for Troops)

The following Girl Scout Programs are held at Retzer Nature Center unless otherwise noted.

PROGRAMS MUST BE PAID IN FULL AT TIME OF BOOKING. Minimum of 10 scouts per program.

The following programs may only be scheduled as follows, except Art Badges:
Tuesdays, Wednesdays & Thursdays
To book a Saturday date please call
4:30 pm (must start by)
262.970.6680 to check availability

**FEE\*\*:** \$4 per scout per 1 hour program | \$6 per scout for 1.5 hours | \$8 per scout for 2 hours \*More than one group may be scheduled for the same program, during the same time slot. \*\*Unless otherwise noted.

# Daisy

Between Earth and Sky • 1.5 hours (Sept. - Oct., or book a Saturday fall date)

Search and discover different colors, shapes and textures around Retzer Nature

Center. Complete a scavenger hunt on our hike.

# **Brownie**

Bugs (Naturalist Legacy Badge) • 2 hours (Sept. - Oct., or book a Saturday fall date) FEE per scout: \$9.00 (includes project supplies)

Step 1: Talk to a bug specialist

Step 2: Create a bug craft or bug box

Step 3: See bugs in action

**Step 4: Explore bug homes** 

Step 5: Take a bug walk

Hikers (Skill Building Badge) • 1.5 hours (year round, or book a Saturday date) FEE per scout: \$8.00 (includes snack)

Step 1: Choose a Retzer Nature trail

Step 2: Try out a hiking skill (map reading)

Step 3: Know the right gear for hiking

Step 4: Make a healthy snack to take on your hike

Step 5: Go on a hike with a naturalist choosing to include one of the following:

A) Scavenger hunt

B) Play "I Spy"

Letter Boxing (Skill Building Badge) • 2 hours (Sept. - Oct., or book a Saturday fall date) FEE per scout: \$8.50 (includes project supplies)

Step 1: Practice your "seeking" skills

Step 2: Create your own stamp

**Step 3: Practice solving clues** 

Step 4: Go on a letterbox hunt

Step 5: Make a troop letter box to hide

# Outdoor Art Creator Badge • 2 hours (Sept. - Oct., or book a Saturday fall date)

FEE per scout: \$9.00 (includes project supplies)

Saturday 10 am - noon or 1 - 3 pm; Wednesday - Friday 3:30 - 5:30 pm

**Step 1: Find art ideas outdoors** 

Step 2: Create something inspired by nature

Step 3: Dance or make music outdoors

Step 4: Be a nature photographer

Step 5: Design with nature

# Junior

Animal Habitat (Skill Building Badge) • 1.5 hours (Sept. - Oct., or book a Saturday date)

Complete this badge outdoors at Retzer Nature Center.

Step 1: Find out about wild animals

Step 2: Investigate animal habitats

Step 4: Explore endangered habitats

Step 5: Learn how to protect animal habitats

### Outdoor Art Explorer Badge • 2 hours (Sept. - Oct., or book a Saturday fall date)

FEE per scout: \$9.00 (includes project supplies)

Saturday 10am - noon or 1 - 3pm; Wednesday - Friday 3:30 - 5:30pm

Step 1: Explore outdoor art

Step 2: Create something inspired by nature

Step 3: Find music in nature

Step 4: Be a nature photographer

Step 5: Design with nature

# Junior Journey Jumpstart!

Choose from a variety of program options/lengths provided by Retzer Nature Center staff and Waukesha County Recycling and Water Specialists. Book 1-hour programs individually, or put together a program package of 2 or 3 hours of the following:

- Energy: what it is, ways to save it; learn about Retzer Nature Center's Geothermal System, take a hike, and make a solar print craft
- Waste in our lives: Reduce, Reuse, Recycle, Rot
- Papermaking
- Water Pollution/Stormwater/Groundwater water and energy use

Scout Programs continued on next page

# Cub Scouts (for Dens/Packs)

The following Cub Scout Programs are held at Retzer Nature Center unless otherwise noted.

PROGRAMS MUST BE PAID IN FULL AT TIME OF BOOKING. Minimum of 10 scouts per program.

The following programs may only be scheduled as follows:

Tuesdays, Wednesdays & Thursdays
4:30 pm (must start by)
To book a Saturday date please call 262.970.6680 to check availability

FEE\*\*: \$4 per scout per 1 hour program | \$6 per scout for 1.5 hours | \$8 per scout for 2 hours \*More than one group may be scheduled for the same program, during the same time slot. \*\*Unless otherwise noted.

# **Tiger**

Tigers in the Wild • 1.5 hours (Sept. - Oct., or book a Saturday fall date)

Enjoy the outdoors while identifying different plants and animals and the signs they have left behind as we hike the trails.

# Wolf

Paws on the Path • 1.5 hours (Sept. - Oct., or book a Saturday fall date)

Join a Naturalist on a hike to identify birds, insects and other animals along the trails. We will watch and record interesting items we find as we go.

# Bear

Fur, Feathers & Ferns – 1.5 hours (Sept. - Feb., or book a Saturday fall date)

During your visit to Retzer Nature Center learn about extinct animals, hike the trails, and identify six signs of living creatures found along our trails.

# Webelos

Into the Wild – 2 hours (Sept. - Nov., or book a Saturday fall date)

Complete requirements #4-9 to earn your badge during this program.

Learn about bird flyways, wild creatures in their habitats, and identify local animals. Identify components of the food chain and how humans have changed the balance of nature. As we take a hike along wetlands, we will learn about the role of aquatic ecosystems.

# **Webelos Programs Continued**

Into the Woods – 2 hours (Sept. - Oct., or book a Saturday fall date)

Complete all requirements except #5 during this program.

Join a naturalist on a hike to identify native trees and plants, their many uses and their importance to our ecosystem. Identify useful things made from wood. Use growth rings to tell a tree's life story and learn about the function of tree bark.

# Boy Scout Merit Badges (for individual Boy Scouts)

Merit badges are available in Summer only. Program Dates & Times will be listed in the next guide.







Free Girl Scout and Boy Scout Programs start on next page

# Free Girl Scout Programs

# **Girl Scout Program**

# Girl Scout Recycling Fun Patch • 1/2 hour or 1 hour

May be held at Retzer Nature Center or your public meeting place

Find out where your recyclables go, what gets recycled, how they are processed and what they become! Do a waste-sort, see a video of recycling in action, and play Recycle Match. Girl Scout leaders supply patch.

# **Daisy Program**

# **Using Resources Wisely • 1/2 hour**

May be held at Retzer Nature Center or your public meeting place

Find out about natural resources from our planet and how to conserve them by applying the 4 Rs: Reduce, Reuse, Recycle & Rot. Feel samples of minerals & other resources used to create things we use everyday.

# **Brownie Program**

# Household Elf Skill-Building Badge • 1 hour

Only available at Retzer Nature Center

Learn how to make your home clean and green. Make a non-toxic Creamy Soft Scrub cleaner to take home. Learn the importance of Reduce, Reuse, Recycle & Rot. Take away tips to save water & energy at home to earn your badge!

# **Junior Programs**

# Papermaking • 1 hour

Only available at Retzer Nature Center

Does paper always have to be made from trees? How does it get recycled? Make recycled paper to take home, play a team game/quiz & feel paper made from a variety of plants. Watch a short video on how paper is made from trees, sorted at the recycling facility and recycled into new paper at the mill.

Call 262.896.8300 to register your scout or group

# **Junior Programs Continued**

# Reduce, Reuse, Recycle, Rot • 1 hour

May be held at Retzer Nature Center or your public meeting place

Learn about the "4 Rs" and how they all save energy! Review what gets recycled. Watch a video clip of the new high-tech recycling facility in action. Find out where recyclables go and what they become. Do a timed waste sort. Take home a worksheet to see how much energy your home recycling saves in a week! Discover all the benefits of reducing waste and recycling, and the positive effects they have on our planet!

# Tour the City of Milwaukee/Waukesha County Recycling Facility • 1 hour (5th grade + up only)

Facility located at 1401 W Mt. Vernon Ave., Milwaukee

Observe the fascinating combination of physics, technology and workers sorting the new mix of recyclable materials before heading to market. Learn the details of what can be recycled, why some things cannot, where recyclables go and what they become (minimum 10 Girl Scouts, restricted hours - call for more details).

# Free Boy Scout Programs

# **Recycling Program**

Wolf Adventure: Council of Fire • 1/2 hour

May be held at Retzer Nature Center or your public meeting place

Learn about the three Rs: Reduce, Reuse, Recycle! Discover a way to do each of these at home, school or in your community!

# **Composting Program**

Bear Adventure: Fur, Feathers & Ferns • 1/2 hour or 1 hour

Only available at Retzer Nature Center

Visit Retzer Nature Center and learn about composting to complete two of your requirements!



# Waukesha County

515 W Moreland Blvd • Administration Center Room G22 Waukesha, WI 53188-3869

Waukesha County UW-Extension is an outreach effort of the University of Wisconsin, putting university knowledge and research to work for the people of Waukesha County. In partnership with local residents and organizations, we develop innovative educational programs. We offer a number of environmentally-focused educational programs and services.

# Have a Yard or Garden Question?

Call the Horticulture Helpline. This free phone service allows callers to speak with a trained UW-Extension Master Gardener volunteer regarding plant, bug, or soil questions. Call 262.548.7779 for hours (hours vary) or e-mail your question to uwex1@waukeshacounty.gov.

# Diagnosing Plant Problems

Let UW-Extension Horticulture Educators identify your outdoor and indoor plant samples and indoor plant insects. Bring your plant sample or indoor plant insect to the UW-Extension office during business hours (8 am - 4:30 pm, Mon-Fri). There is a \$4 charge per sample. To be sure that you have a "good sample" please call 262.548.7779 or email the Horticulture Helpline-uwex1@waukeshacounty.gov.

# **Soil Testing**

Having soil problems? Tired of guessing about additives for your lawn or garden? A soil test will tell you what nutrients your plants or lawn need and will recommend the amount of fertilizer (N-P-K) to add to your soil. It will also tell the current pH of your soil and an analysis of the amount of organic matter in your soil. Contact us for a soil test kit.

# Rent a Garden Plot

UW-Extension manages a rental garden located just east of the intersection of Northview Road and Grandview Boulevard in the City of Waukesha. Garden plots are available for rental on a yearly basis to Waukesha County residents. Garden plot sizes are 20' by 20' and 30' by 30'. There is a waiting list for plot rental. For more information visit waukeshacounty.gov/uwex/hort/communitygardens or call .262.548.7775.

# **Master Gardener Training**

UW-Extension Master Gardeners volunteer their time to gardening projects and educational programs in return for receiving horticulture training. Waukesha County UW-Extension provides education, training, and volunteer opportunities for those who want to become a Master Gardener. For more information, visit the Southeast Wisconsin Master Gardeners website: http://fyi.uwex.edu/sewmg.

# **UW Extension Waukesha County 4-H**

Do you have six hours that you could give of your time to make a lasting impact on the youth in Waukesha County?

<u>NEW</u> to Waukesha County and Wisconsin! A 4-H SPIN Club is where five or more young people learn about a topic of interest. Topics vary and can include interests such as nature, science, sailing, outdoor adventures and much more. Retzer Nature Center also offers amazing opportunities in natural science for other SPIN Club topics.

We are looking for adults that have a talent or interest that they are willing to teach to young people in local communities. SPIN clubs are planned around the adult volunteer's availability. Each club meets six or more times for at least one hour per session.

A 4-H SPIN club continues the learning through interactive sessions that focus on a special interest. Youth involved in UW-Extension 4-H programs learn leadership and life skills that help prepare them to be our future community environmental advocates and leaders. 4-H is open to youth ages 5 to 18 years of age.

For more information, see the UW Extension Waukesha County 4-H website www.waukeshacounty.gov/uwex/4H or contact Molly Ellis, mellis@waukeshacounty.gov.

Like us on Facebook

# The Wonderful World of Water Day

February 24, 2018 • 9am - Noon at Retzer Nature Center

See special exhibits, hands-on activities and a variety of speakers on topics including:

# AN OUNCE OF PREVENTION AQUATIC INVASIVE SPECIES PREVENTION 9:00 am

Learn what creatures are creeping into our environment as well as ways to prevent their spread. Invasive species can cause great environmental damage, so be prepared.

# WATER SAVING IDEAS FOR THE HOME 9:45 am

Learn strategies to save water in your home. The City of Waukesha has several water saving incentives to help you use less water and save you money.

# CLEAN WATER - WHAT IT TAKES 10:30 am

What happens to the water that goes down the drain in your home? Come learn how the water is cleaned and prepared to be put back into the environment.

# OUR DAILY INTERACTIONS WITH WATER 11:15 am

Have you thought about water's hidden contributions to your daily life? Learn about society's invisible walk with water. You will leave with ideas about easy things you can do to help protect our life-giving resource.



Pre-registration not necessary but available online at waukeshacountyparks.com

# Spring Workshop Event

# February 24 ♦ 9am - Noon at Retzer Nature Center

Try before you buy! Hear about each item and plant collection available for our Spring Pre-Sale from a variety of speakers who will also discuss different spring yard care topics.

Pre-orders accepted February 1 through April 5. Order online at www.waukeshacountyparks.com

# Special exhibits -- Hands-On Activities -- Expert Speaker Presentations:

# Save Money with Rain Barrels

9:00 am

Learn about rain gardens—their benefits, function, plant choices and basic installation tips. Order a rain barrel with diverter kit or tandem rain barrel set at a great sale price!

# Rain Gardens - a beautiful solution to water pollution

9:45 am

Discover how rain barrels can help restore a more natural water flow while saving you money, and how to install one. Order a rain garden plant collection today at a great sale price!

# **Home Composting Workshop**

10:30 am

Learn how to create compost, how to use it, the "hot or cold" method, and different bin styles to build or buy. Discover the secrets of healthy soil for beautiful lawns & gardens and the role compost plays. Order a home compost bin today at a great sale price!

# Using Native Plant Collections in Your Landscape

11:15 am

Native Plant Collections available for pre-order will be introduced with suggestions given on how to incorporate and arrange these into your landscape. Order native plant collections today at great sale prices!

All attendees will be entered to win a free rain barrel with diverter kit!

(\$84 value)

Pre-registration not necessary but available online at waukeshacountyparks.com

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Waukesha County
Department of
Parks and Land Use
Retzer Nature Center
S14W28167 Madison St.
Waukesha, WI 53188